

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP 03/04458

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 G01N33/574

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MIDORIKAWA YUTAKA ET AL: "Identification of genes associated with dedifferentiation of hepatocellular carcinoma with expression profiling analysis" JAPANESE JOURNAL OF CANCER RESEARCH, vol. 93, no. 6, June 2002 (2002-06), pages 636-643, XP009024186 ISSN: 0910-5050 page 638, left-hand column, paragraph 1 page 637, right-hand column, paragraph 2 ---- -/-</p>	1-8, 10-15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

26 January 2004

Date of mailing of the international search report

13/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages.	Relevant to claim No.
X	<p>DELPUECH OONA ET AL: "Identification, using cDNA macroarray analysis, of distinct gene expression profiles associated with pathological and virological features of hepatocellular carcinoma" ONCOGENE, vol. 21, no. 18, 25 April 2002 (2002-04-25), pages 2926-2937, XP002267966 ISSN: 0950-9232 abstract page P2932, right-hand column, line 2 -----</p>	1-5,8
X	<p>SHIROTA YUKIHIRO ET AL: "Identification of differentially expressed genes in hepatocellular carcinoma with cDNA microarrays" HEPATOTOLOGY, vol. 33, no. 4, April 2001 (2001-04), pages 832-840, XP009024178 ISSN: 0270-9139 abstract page 835, left-hand column, paragraph 2 page 383, right-hand column, paragraph 1 -----</p>	1-5
A	<p>WO 03 010337 A (OKA MASAAKI ;OKABE HISAFUMI (JP); HAMAMOTO YOSHIHIKO (JP)) 6 February 2003 (2003-02-06) abstract claims 1-8 -----</p>	1-15

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Information on patent family members

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PCT/JP 03/04458

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03010337	A 06-02-2003	WO 03010337 A1	06-02-2003